

CLAIMS

We claim:

1. A test fixture comprising:
 - (a) a base component;
 - (b) a first rail and a second rail coupled to the base component;
 - (c) a top component coupled to the first and second rails; and
 - (d) an interposer coupled to the first and second rails.
2. The fixture of claim 1 wherein the fixture achieves vibration damping similar to that achieved by a Golden Fixture.
3. The fixture of claim 1 further comprising at least one roller disposed within a recess in each of the first and second rails.
4. The fixture of claim 1 wherein the top component has at least one roller coupled to the top component.
5. The fixture of claim 1 wherein the base component is coupled to a pan.
6. The fixture of claim 1 wherein the base component is configured to allow air flow around a device being tested.
7. The fixture of claim 1 wherein the first rail and the second rail are configured to allow air flow around a device being tested.
8. The fixture of claim 1 wherein the top component is configured to allow air flow around a device being tested.

9. The fixture of claim 1 wherein the base component comprises
 - (a) two rail receiving plates; and
 - (b) at least two braces coupled to the two rail receiving plates.
10. The fixture of claim 9 wherein the at least two braces are configured to allow air flow around a device being tested.
11. The fixture of claim 9 wherein the at least two braces comprise:
 - (a) at least two main braces, each main brace having an arch structure configured to allow air flow; and
 - (b) at least one secondary brace disposed between the at least two main braces, the at least one secondary brace configured to allow air flow.
12. The fixture of claim 1 further comprising an ejection mechanism coupled to the fixture, the ejection mechanism comprising two rods selectively extendable through apertures in the top component.
13. The fixture of claim 1 wherein the interposer is configured to interface with a device to be tested.
14. A method of testing a device comprising:
 - inserting the device into a fixture comprising:
 - a base component;
 - a first rail and a second rail coupled to the base component;
 - a top component coupled to the first and second rails; and
 - an interposer coupled to the first and second rails; and
 - performing at least one test on the device; and
 - removing the device from the test fixture.